



Current Listing of Claims

In the attached, kindly replace all prior versions and listing of the claims with the following:

The pending claims are presented as follows.

1. (Currently amended) A computer-readable medium bearing instructions in a markup language for interactively presenting information to a user, said instructions arranged, upon processing by a rendering agent, to cause one or more processors executing the rendering agent to perform the steps of:

displaying simultaneously a first chart and a second chart on a web page;

setting a plurality of active regions on the first chart wherein each active region is responsive to an event and performs an action in response to the event;

detecting an event relating to the first chart; and

in response to the event relating to the first chart, performing the action of replacing the second chart with a third chart so as to display simultaneously the first chart and the third chart on the web page; wherein the instructions in the markup language to simultaneously display the first chart and the second chart and replace the second chart with the third chart is stored on the web page as one continuous stream of markup language and is generated based on chart content information and chart styling information obtained for the first chart,

the second chart and the third chart ~~and stored on the web page.~~

2. (Previously presented) A computer-readable medium according to claim 1, wherein:

the event includes a cursor control event relating to one of the active regions.

3. (Original) A computer-readable medium according to claim 2, wherein said instructions are further arranged to cause the one or more processors executing the rendering agent to perform the step of:

selecting the third chart from a plurality of charts based on the one of the active regions indicated by the cursor control event.

4. (Previously presented) A computer-readable medium according to claim 3, wherein said instructions are further arranged to cause the one or more processors executing the rendering agent to perform the step of:

detecting another cursor control event, wherein other cursor control event relates to another one of the active regions;

in response to the other cursor control event, performing the steps of:

selecting a fourth chart from the plurality of charts based on the other of the active regions indicated by the other cursor control event; and

replacing the third chart with the fourth chart so as to display simultaneously the first chart and the third chart on the web page.

5. (Original) A computer-readable medium according to claim 1, wherein the event includes a movement of a cursor over the first chart, a movement of the cursor out of the first chart, or a click when the cursor is positioned over the first chart.

6. (Original) A method for producing a computer-readable medium according to claim 1, said computer-readable medium bearing the instructions in the markup language for presenting information to a user, comprising:

receiving content and styling information for the first chart, second chart, and the third chart; generating the instructions in the markup language based on the content and styling information for the first chart, second chart, and the third chart; and
embodying the instructions in the computer-readable medium according to claim 1.

7. (Previously Presented) A method for operating a computer system with a computer-readable medium according to claim 1 to present information interactively, said computer-readable medium bearing the instructions in the markup language for presenting information to a user, comprising:

making the computer-readable medium according to claim 1 accessible to the computer system; and
executing the rendering agent to load and render the information in accordance with the instructions in the markup language.

8. (Previously presented) A computer-readable medium according to claim 1, wherein the instructions in the markup language are embodied in the web page and comprise:

a map element specifying an image map;

a first image element referencing the first chart for display on the web page

and the image map specified by the map element; and

a second image element referencing the second chart for display on the web page;

wherein the map element includes an area element that has an event attribute specifying

replacement of the second chart with a third chart on the web page in response to the cursor control event on the web page.

9. (Canceled).

10. (Previously presented) A computer-readable medium according to claim 8, wherein the step of replacing the second chart with the third chart is performed without loading another web page.

11. (Currently amended) A computer-readable medium bearing instructions in a markup language for interactively presenting information to a user, said instructions embodied on a single web page comprising:

a map element specifying an image map;

a first image element referencing the first chart for display on the single web page and the image map specified by the map element; and

a second image element referencing the second chart for display on the single web page;

wherein the map element includes an area element that has an event attribute specifying replacement of the second chart with a third chart on the single web page in response to an event on the single web page; wherein the instructions are operable to simultaneously display first chart and a second chart on the web page and simultaneously display the first chart and the third chart on the web page in response to the event; wherein the instructions in the markup language to simultaneously display the first chart and the second chart and replace the second chart with the third chart is stored on the web page as one continuous stream of markup language and is generated based on chart content information and chart styling information obtained for the first chart, the second chart and the third chart ~~and stored on the single web page.~~

12. (Currently amended) A computer-readable medium bearing instructions in a markup language for interactively presenting information to a user, said instructions embodied on a single web page comprising:

a map element specifying an image map;

a first image element referencing a first image to be rendered in a first area on the single web page and the image map; and

a second image element referencing a second image to be rendered in a second area on the single web page; wherein the map element includes an area element that has:

a shape attribute specifying a geometry for display on the single web page that overlaps at least part of the first area and does not overlap the second area; and

an event attribute specifying replacement of the second image with a third image on the single web page in response to an event; wherein the instructions are operable to simultaneously display first chart and a second chart on the web page and simultaneously display the first chart and the third chart on the web page in response to the event; wherein the instructions in the markup language to simultaneously display the first chart and the second chart and replace the second chart with the third chart is stored on the web page as one continuous stream of markup language and is generated based on chart content information and chart styling information obtained for the first chart, the second chart and the third chart ~~and stored on the web page.~~

13. (Original) A computer-readable medium as in claim 12, wherein the event includes a movement of a cursor into the geometry specified by the shape attribute.

14. (Previously presented) A computer-readable medium as in claim 13, wherein the map element includes another area element that has:

another shape attribute specifying another geometry for display on the single web page that overlaps at least part of the first area and does not overlap the second area; and

another event attribute specifying replacement of the second image with a fourth image on the single web page in response to another movement of the cursor into the other geometry specified by the other shape attribute.

15. (Original) A method for producing a computer-readable medium according to claim 12, said computer-readable medium bearing the instructions in the markup language for presenting information to a user, comprising:

receiving content and styling information for the first chart, second chart, and the third chart; generating the instructions in the markup language based on the content and styling information for the first chart, second chart, and the third chart; and

embodying the instructions in the computer-readable medium according to

claim 12.

16. (Original) A method for operating a computer system with a computer-readable medium

according to claim 12 to present information interactively, said computer-readable medium

bearing the instructions in the markup language for presenting information to a user, comprising: causing the computer-readable medium according to claim 12 to be accessible to the

computer system; and

executing a rendering agent to load and render the information in accordance with the instructions in the markup language.

17. (Currently amended) A computer-readable medium bearing instructions in a markup language for interactively presenting information to a user, said instructions arranged, upon processing by a rendering agent, to cause one or more processors executing the rendering agent to perform the steps of:

displaying simultaneously a first chart, a second chart, and a third chart on a web page;

setting a plurality of active regions on the first chart wherein each active region is responsive to an event and performs an action in response to

the event;

in response to an event relating to the first chart, performing the action of replacing the second chart with a fourth chart and replacing the third chart with a fifth chart so as to display simultaneously the first chart, the fourth chart, and the fifth chart on the web page; and

in response to an event relating to the second chart, performing the action of replacing the third chart with a sixth chart

so as to display simultaneously the first chart, second chart, and the sixth chart on the web page;

wherein the instructions in the markup language to simultaneously display a first chart, a second chart, and a third chart and replace the second chart with a fourth chart, replace the third chart with a fifth chart so as to display simultaneously the first chart, the fourth chart, and the fifth chart on the web page and replace the third chart with a sixth chart

so as to display simultaneously the first chart, second chart, and the sixth chart on the web page is stored on the web page as one continuous stream of markup language and is generated based on chart content information and chart styling information for the first chart, the second chart, the third chart, the fourth chart, the fifth chart, and the sixth chart and stored on the web page.

18. (Previously Presented) A method for producing a computer-readable medium according to claim 17, said computer-readable medium bearing the instructions in the markup language for presenting information to a user, comprising:

receiving content and styling information for the first chart, second chart, the third chart, the fourth chart, the fifth chart, and the sixth chart;
generating the instructions in the markup language based on the content and styling information for the first chart, second chart, the third chart, the fourth chart, the fifth chart, and the sixth chart; and
embodying the instructions in the computer-readable medium according to claim 17.

19. (Previously Presented) A method for operating a computer system with a computer-readable medium according to claim 17 to present information interactively, said computer-readable medium bearing the instructions in the markup language for presenting information to a user, comprising:

causing the computer-readable medium according to claim 17 to be accessible to the computer system; and
executing a rendering agent to load and render the information in accordance with the instructions in the markup language.

20. (Previously Presented) A computer-readable medium according to claim 17, said instructions comprising:

- a first map element specifying a first image map;
- a second map element specifying a second image map;
- a first image element referencing the first chart and the first image map; and
- a second image element referencing the second chart and the second image map; a third image element referencing the third chart;

wherein the first map element includes an area element that has an event attribute specifying

replacement of the second image map with a third image map in response to an event.

21. (Currently amended) A computer-readable medium bearing instructions in a markup language for interactively presenting information to a user, said instructions comprising:

- a first map element specifying a first image map;
- a second map element specifying a second image map;
- image element referencing a first image to be rendered in a first area and the first image map;
- a second image element referencing a second image to be rendered in a second area and the second image map; and
- a third image element referencing a third image to be rendered in a third area;

wherein the first map element includes an area element that has:

a shape attribute specifying a geometry that overlaps at least part of the first area and does not overlap the second area; and

an event attribute specifying replacement of the second image map with a third image map in response to an event; wherein the instructions in the markup language to render the first image map and the second image map and replace the second image map with the third image map is stored on the web page as one continuous stream of markup language and is generated based on chart content information and chart styling information ~~and stored on a web page.~~

22. (Previously Presented) A computer-readable medium according to claim 21, wherein the event attribute further specifies replacement of the second image with a fourth image and replacement of the third image with a fifth image in response to the event.

23. (Previously Presented) A computer-readable medium according to claim 1, wherein said step of replacing the second chart with the third chart includes reassigning a first source attribute in a Document Object Model (DOM) object to reference an image stored in an image file associated with a second source attribute.

24. (Previously Presented) A computer-readable medium according to claim 1, wherein said event relating to the first chart is a mouseover event relating

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to the first chart.